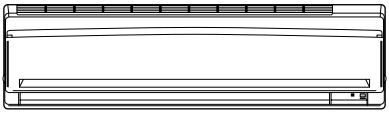
DAIKIN

*DAIKIN ROOM AIR CONDITIONER*

# *Operation Manual*



**MODELS** **FTYN50GV1A**
**FTYN60GV1A**
**FTYN71GV1A**

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# Safety precautions

- Keep this manual where the operator can easily find them.
- Read this manual attentively before starting up the unit.
- For safety reason the operator must read the following cautions carefully.
- This manual classifies precautions into WARNING and CAUTION. Be sure to follow all precautions below: they are all important for ensuring safety.

| ⚠ WARNING | ⚠ CAUTION |
|---|---|
| If you do not follow these instructions exactly, the unit may cause property damage, personal injury or loss of life. | If you do not follow these instructions exactly, the unit may cause minor or moderate property damage or personal injury. |

Never do.

Be sure to earth the air conditioner.

Never touch the air conditioner (including the remote controller) with a wet hand.

Be sure to follow the instructions.

Never cause the air conditioner (including the remote controller) to get wet.

## ⚠ WARNING

- In order to avoid fire, explosion or injury, do not operate the unit when harmful, among which flammable or corrosive gases, are detected near the unit.
- It is not good for health to expose your body to the air flow for a long time.
- Do not put a finger, a rod or other objects into the air outlet or inlet. As the fan is rotating at a high speed, it will cause injury.
- Do not attempt to repair, relocate, modify or reinstall the air conditioner by yourself. Incorrect work will cause electric shocks, fire etc.
  For repairs and reinstallation, consult your Daikin dealer for advice and information.

- The refrigerant used in the air conditioner is safe. Although leaks should not occur, if for some reason any refrigerant happens to leak into the room, make sure it does not come in contact with any flame as of gas heaters, kerosene heaters or gas range.
- If the air conditioner is not cooling (heating) properly, the refrigerant may be leaking, so call your dealer.
  When carrying out repairs accompanying adding refrigerant, check the content of the repairs with our service staff.
- Do not attempt to install the air conditioner by your self. Incorrect work will result in water leakage, electric shocks or fire. For installation, consult the dealer or a qualified technician.
- In order to avoid electric shock, fire or injury, if you detect any abnormally such as smell of fire, stop the operation and turn off the breaker. And call your dealer for instructions.

## ⚠ CAUTION

- The air conditioner must be earthed. Incomplete earthing may result in electric shocks. Do not connect the earth line to a gas pipe, water pipe, lightning rod, or a telephone earth line.

- In order to avoid any quality deterioration, do not use the unit for cooling precision instruments, food, plants, animals or works of art.
- Never expose little children, plants or animals directly to the air flow.
- Do not place appliances which produce open fire in places exposed to the air flow from the unit or under the indoor unit. It may cause incomplete combustion or deformation of the unit due to the heat.
- Do not block air inlets nor outlets. Impaired air flow may result in insufficient performance or trouble.
- Do not stand or sit on the outdoor unit. Do not place any object on the unit to avoid injury, do not remove the fan guard.

- Do not place anything under the indoor or outdoor unit that must be kept away from moisture. In certain conditions, moisture in the air may condense and drip.
- After a long use, check the unit stand and fittings for damage.
- Do not touch the air inlet and alminum fins of outdoor unit. It may cause injury.
- The appliance is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the appliance.

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- To avoid oxygen deficiency, ventilate the room sufficiently if equipment with burner is used together with the air conditioner.
- Before cleaning, be sure to stop the operation, turn the breaker off or pull out the supply cord.
- Do not connect the air conditioner to a power supply different from the one as specified. It may cause trouble or fire.
- Depending on the environment, an earth leakage breaker must be installed. Lack of an earth leakage breaker may result in electric shocks.
- Arrange the drain hose to ensure smooth drainage. Incomplete draining may cause wetting of the building, furniture etc.
- Do not place objects in direct proximity of the outdoor unit and do not let leaves and other debris accumulate around the unit.
  Leaves are a hotbed for small animals which can enter the unit. Once in the unit, such animals can cause malfunctions, smoke or fire when making contact with electrical parts.

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- Do not operate the air conditioner with wet hands.

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- Do not wash the indoor unit with excessive water, only use a slightly wet cloth.
- Do not place things such as vessels containing water or anything else on top of the unit. Water may penetrate into the unit and degrade electrical insulations, resulting in an electric shock.

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## Installation site.

■ To install the air conditioner in the following types of environments, consult the dealer.
- Places with an oily ambient or where steam or soot occurs.
- Salty environment such as coastal areas.
- Places where sulfide gas occurs such as hot springs.
- Places where snow may block the outdoor unit.

The drain from the outdoor unit must be discharged to a place of good drainage.

## Consider nuisance to your neighbours from noises.

■ For installation, choose a place as described below.
- A place solid enough to bear the weight of the unit which does not amplify the operation noise or vibration.
- A place from where the air discharged from the outdoor unit or the operation noise will not annoy your neighbours.

## Electrical work.

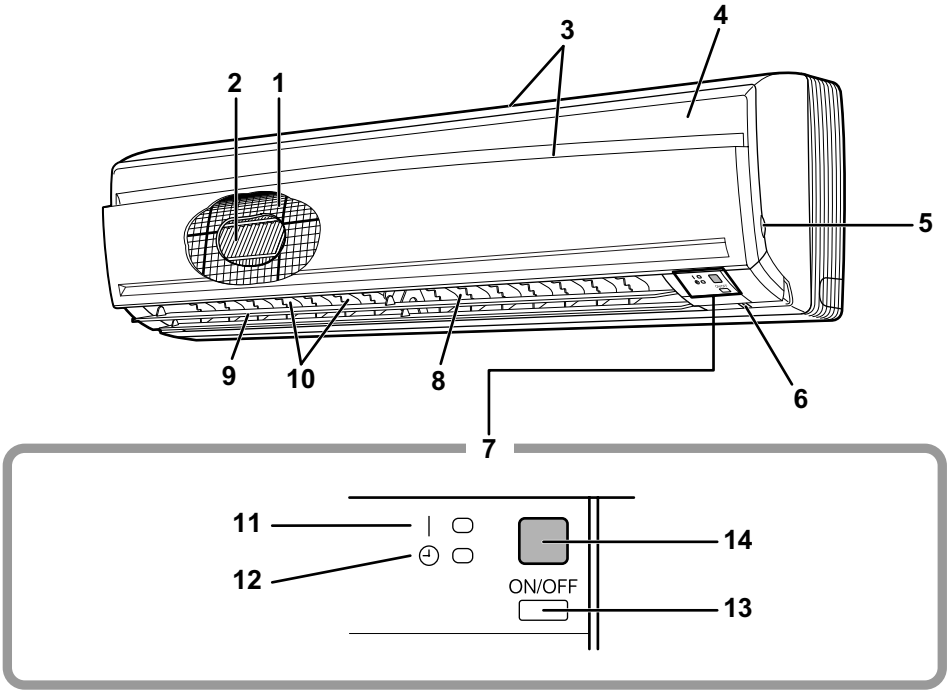
- For power supply, be sure to use a separate power circuit dedicated to the air conditioner.

## System relocation.

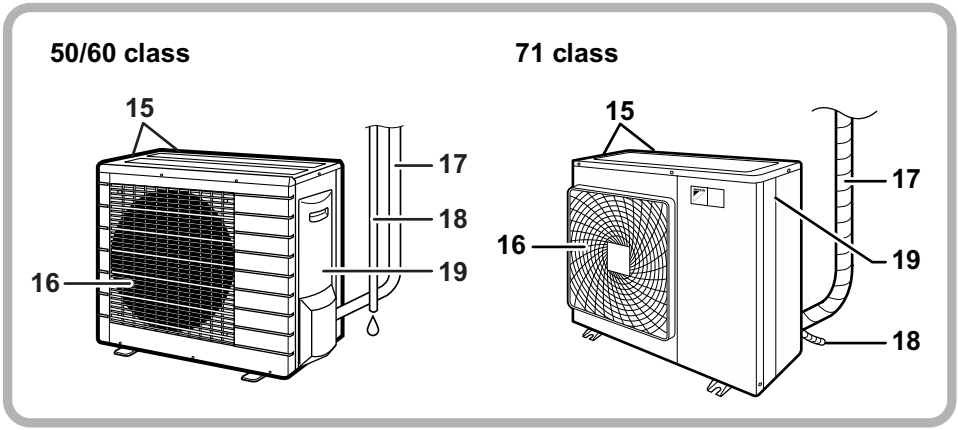
- Relocating the air conditioner requires specialized knowledge and skills. Please consult the dealer if relocation is necessary for moving or remodeling.

# Names of parts

## ■ Indoor Unit



# ■ Outdoor Unit




## ■ Indoor Unit

1. **Air filter**
2. **Titanium Apatite Photocatalytic Air-Purifying Filter**
3. **Air inlet**
4. **Front panel**
5. **Panel tab**
6. **Room temperature sensor:**
   - It senses the air temperature around the unit.
7. **Display**
8. **Air outlet**
9. **Flap (horizontal blade):** (page 12.)
10. **Louvers (vertical blades):**
    - The Louvers are inside of the air outlet. (page 12.)
11. **Operation lamp (green)**
12. **TIMER lamp (yellow):** (page 14.)
13. **Indoor Unit ON/OFF switch:**
    - Push this switch once to start operation. Push once again to stop it.
    - The operation mode refer to the following table.

| Mode | Temperature setting | Air flow rate |
|---|---|---|
| AUTO | 25°C | AUTO |

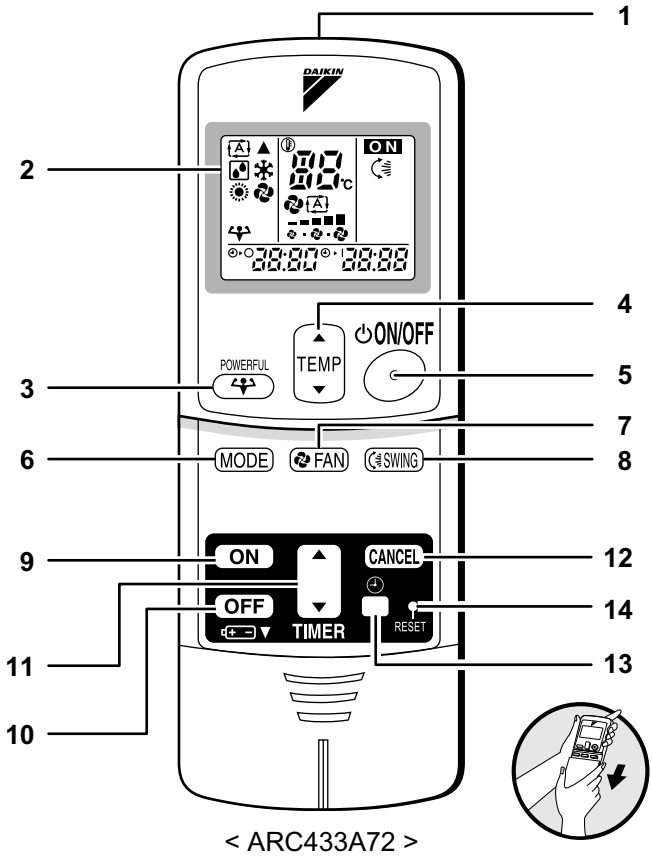
    - This switch is useful when the remote controller is missing.
14. **Signal receiver:**
    - It receives signals from the remote controller.
    - When the unit receives a signal, you will hear a short beep.
      - Operation start .....beep-beep
      - Settings changed.....beep
      - Operation stop .....beeeeep

## ■ Outdoor Unit

15. **Air inlet:** (Back and side)
16. **Air outlet**
17. **Refrigerant piping and inter-unit cable**
18. **Drain hose**
19. **Earth terminal:**
    - It is inside of this cover.

Appearance of the outdoor unit may differ from some models.

## ■ Remote Controller



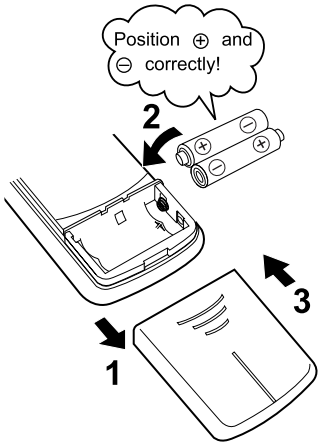

< ARC433A72 >

1. **Signal transmitter:**
   - It sends signals to the indoor unit.
2. **Display:**
   - It displays the current settings.
     (In this illustration, each section is shown with all its displays ON for the purpose of explanation.)
3. **POWERFUL button:**
   POWERFUL operation (page 13.)
4. **TEMPERATURE adjustment buttons:**
   - It changes the temperature of time setting.
5. **ON/OFF button:**
   - Press this button once to start operation. Press once again to stop it.
6. **MODE selector button:**
   - It selects the operation mode. (AUTO/DRY/COOL/HEAT/FAN) (page 10.)
7. **FAN setting button:**
   - It selects the air flow rate setting.
8. **SWING button:** (page 12.)
   - Flap (Horizontal blade)
9. **ON TIMER button:** (page 15.)
10. **OFF TIMER button:** (page 14.)
11. **TIMER Setting button:**
    - It changes the time setting.
12. **TIMER CANCEL button:**
    - It cancels the timer setting.
13. **CLOCK button:** (page 9.)
14. **RESET button:**
    - Restart the unit if it freezes.
    - Use a thin object to push.

# Preparation Before Operation

## ■ To set the batteries

1. **Slide the front cover to take it off.**
2. **Set two dry batteries (AAA).**
3. **Set the front cover as before.**




## ATTENTION

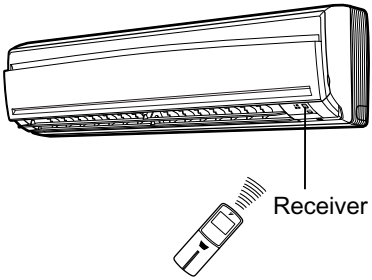
**■ About batteries**

- When replacing the batteries, use batteries of the same type, and replace the two old batteries together.
- When the system is not used for a long time, take the batteries out.
- We recommend replacing once a year, although if the remote controller display begins to fade or if reception deteriorates, please replace with new alkali batteries. Using manganese batteries reduces the lifespan.
- The attached batteries are provided for the initial use of the system.
  The usable period of the batteries may be short depending on the manufactured date of the air conditioner.

# Preparation Before Operation

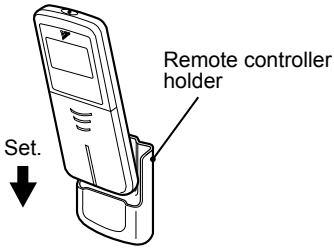
## ■ To operate the remote controller

- To use the remote controller, aim the transmitter at the indoor unit. If there is anything to block signals between the unit and the remote controller, such as a curtain, the unit will not operate.
- Do not drop the remote controller. Do not get it wet.
- The maximum distance for communication is about 7m.




## ■ To fix the remote controller holder on the wall

1. **Choose a place from where the signals reach the unit.**
2. **Fix the holder to a wall, a pillar, etc. with the screws supplied with the holder.**
3. **Place the remote controller in the remote controller holder.**




● To remove, pull it upwards.

### ATTENTION

■ **About remote controller**

- Never expose the remote controller to direct sunlight.
- Dust on the signal transmitter or receiver will reduce the sensitivity. Wipe off dust with soft cloth.
- Signal communication may be disabled if an electronic-starter-type fluorescent lamp (such as inverter-type lamps) is in the room. Consult the shop if that is the case.
- If the remote controller signals happen to operate another appliance, move that appliance to somewhere else, or consult the shop.

## ■ To set the clock

1. **Press “CLOCK button”.**

   0:00 is displayed.

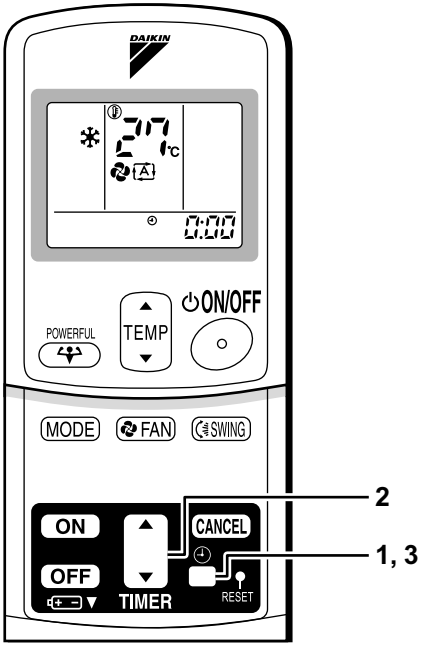
   ◴ blinks.

2. **Press “TIMER setting button” to set the clock to the present time.**

   Holding down “▲” or “▼” button rapidly increases or decreases the time display.

3. **Press “CLOCK button”.**

   : blinks.




## ■ Turn the breaker ON

- Turning ON the breaker opens the flap, then closes it again.
  (This is a normal procedure.)

## NOTE

**■ Tips for saving energy**

- Be careful not to cool (heat) the room too much.
  Keeping the temperature setting at a moderate level helps save energy.
- Cover windows with a blind or a curtain.
  Blocking sunlight and air from outdoors increases the cooling (heating) effect.
- Clogged air filters cause inefficient operation and waste energy. Clean them once in about every two weeks.

| Recommended temperature setting |
|---|
| For cooling:26°C – 28°C<br>For heating:20°C – 24°C |

**■ Please note**

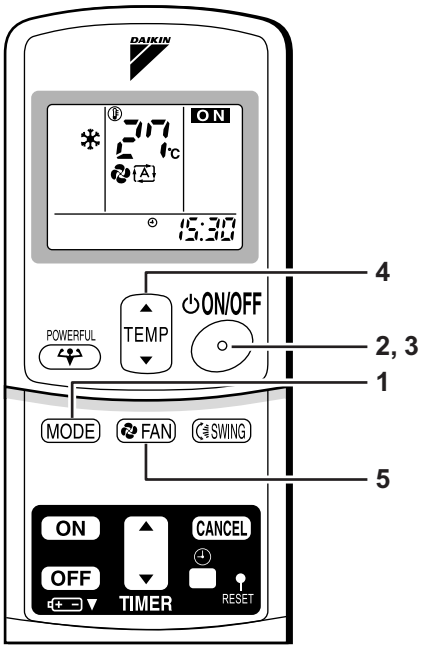
- The air conditioner always consumes 15-35 watts of electricity even while it is not operating.
- If you are not going to use the air conditioner for a long period, for example in spring or autumn, turn the breaker OFF.
- Use the air conditioner in the following conditions.

| Mode | Operating conditions | If operation is continued out of this range |
|---|---|---|
| COOL | Outdoor temperature: 10 to 46°C<br>Indoor temperature: 18 to 32°C<br>Indoor humidity: 80% max. | • A safety device may work to stop the operation.<br>• Condensation may occur on the indoor unit and drip. |
| HEAT | Outdoor temperature: –15 to 24°C<br>Indoor temperature: 14 to 28°C | • A safety device may work to stop the operation. |
| DRY | Outdoor temperature: 10 to 46°C<br>Indoor temperature: 18 to 32°C<br>Indoor humidity: 80% max. | • A safety device may work to stop the operation.<br>• Condensation may occur on the indoor unit and drip. |

- Operation outside this humidity or temperature range may cause a safety device to disable the system.

# AUTO · DRY · COOL · HEAT · FAN Operation

The air conditioner operates with the operation mode of your choice.
From the next time on, the air conditioner will operate with the same operation mode.




## ■ To start operation

**1. Press “MODE selector button” and select a operation mode.**

- Each pressing of the button advances the mode setting in sequence.

: AUTO

: DRY

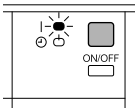
: COOL

: HEAT

: FAN

**2. Press “ON/OFF button” .**

- The OPERATION lamp lights up.




## ■ To stop operation

**3. Press “ON/OFF button” again.**

- Then OPERATION lamp goes off.

## ■ To change the temperature setting

**4. Press “TEMPERATURE adjustment button”.**

| DRY or FAN mode | AUTO or COOL or HEAT mode |
|---|---|
| The temperature setting is not variable. | Press “ ▲ ” to raise the temperature and press “ ▼ ” to lower the temperature. |
| | Set to the temperature you like. |

## ■ To change the air flow rate setting

### 5. Press “FAN setting button”.

| DRY mode | AUTO or HEAT or COOL or FAN mode |
|---|---|
| The air flow rate setting is not variable. | Five levels of air flow rate setting from “ ” to “ ” plus “ ” are available. |

## NOTE

■ **Note on HEAT operation**
- Since this air conditioner heats the room by taking heat from outdoor air to indoors, the heating capacity becomes smaller in lower outdoor temperatures. If the heating effect is insufficient, it is recommended to use another heating appliance in combination with the air conditioner.
- The heat pump system heats the room by circulating hot air around all parts of the room. After the start of heating operation, it takes some time before the room gets warmer.
- In heating operation, frost may occur on the outdoor unit and lower the heating capacity. In that case, the system switches into defrosting operation to take away the frost.
- During defrosting operation, hot air does not flow out of indoor unit.

■ **Note on COOL operation**
- This air conditioner cools the room by blowing the hot air in the room outside, so if the outside temperature is high, performance drops.

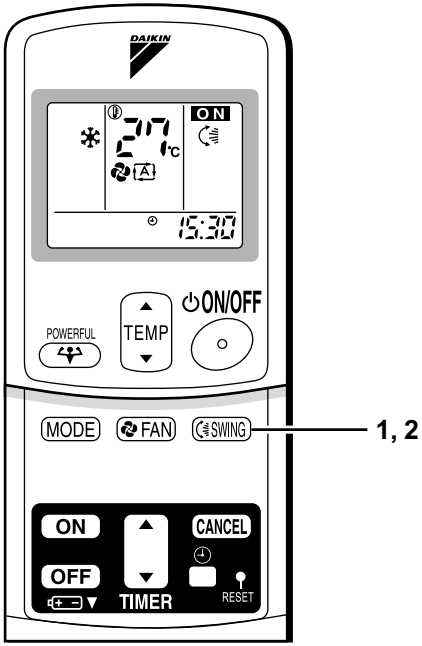
■ **Note on DRY operation**
- The computer chip works to rid the room of humidity while maintaining the temperature as much as possible. It automatically controls temperature and fan strength, so manual adjustment of these functions is unavailable.

■ **Note on AUTO operation**
- In AUTO operation, the system selects a temperature setting and an appropriate operation mode (COOL or HEAT) based on the room temperature at the start of the operation.
- The system automatically reselects setting at a regular interval to bring the room temperature to user-setting level.
- If you do not like AUTO operation, you can manually select the operation mode and setting you like.

■ **Note on air flow rate setting**
- At smaller air flow rates, the cooling (heating) effect is also smaller.

# Adjusting the Air Flow Direction

You can adjust the air flow direction to increase your comfort.

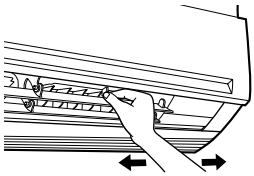



## ■ To adjust the horizontal blade (flap)

1. **Press "SWING button".**
   - "(swing)" is displayed on the LCD and the flaps will begin to swing.
2. **When the flap have reached the desired position, press "SWING" button once more.**
   - The flap will stop moving.
   - "(swing)" disappears from the LCD.

## ■ To adjust the vertical blades (louvers)

Hold the knob and move the louvers.
(You will find a knob on the left-side and the right-side blades.)

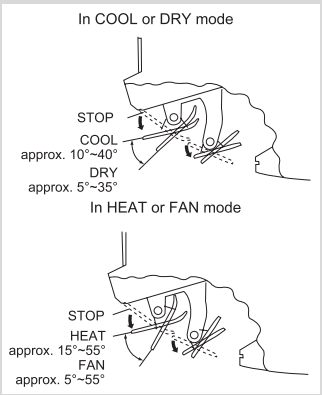


### Notes on flaps and louvers angles.

- When " **SWING button** " is selected, the flaps swinging range depends on the operation mode. (See the figure.)

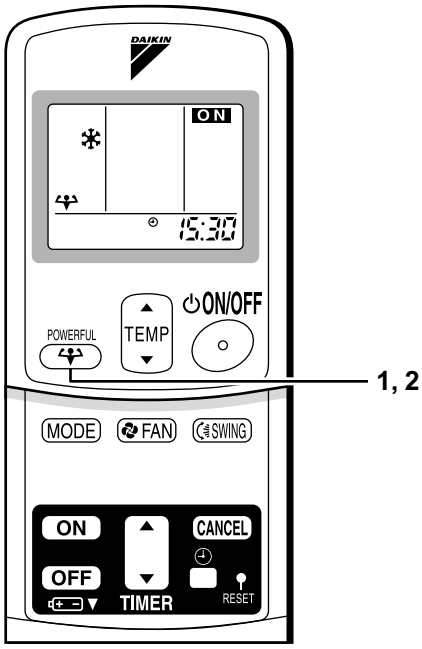
■ **ATTENTION**

- Always use a remote controller to adjust the flaps angle. If you attempt to move it forcibly with hand when it is swinging, the mechanism may be broken.
- Be careful when adjusting the louvers. Inside the air outlet, a fan is rotating at a high speed.



# POWERFUL Operation

POWERFUL operation quickly maximizes the cooling (heating) effect in any operation mode. You can get the maximum capacity.




## ■ To start POWERFUL operation

**1. Press "POWERFUL button".**

- POWERFUL operation ends in 20 minutes. Then the system automatically operates again with the settings which were used before POWERFUL operation.
- When using Powerful operation, there are some functions which are not available.
- "" is displayed on the LCD.

## ■ To cancel POWERFUL operation

**2. Press "POWERFUL button" again.**

- "" disappears from the LCD.

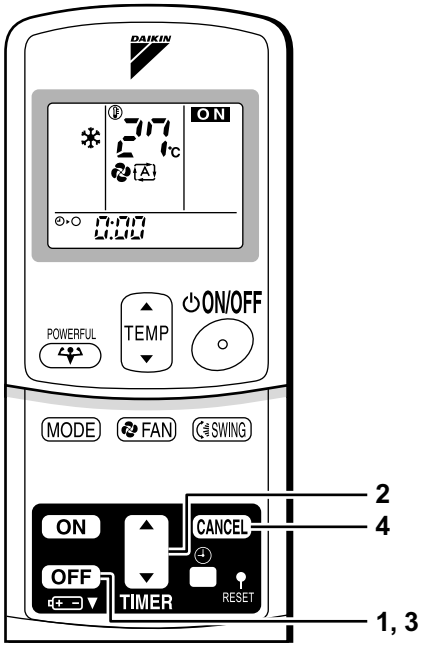
## NOTE

■ **Notes on POWERFUL operation**

- POWERFUL Operation can only be set when the unit is running. Pressing the operation stop button causes the settings to be canceled, and the "" disappears from the LCD. Priority is given to the function of whichever button is pressed last.
- **In COOL and HEAT mode**
  To maximize the cooling (heating) effect, the air flow rate is fixed to the maximum setting. The temperature and air flow settings are not variable.
- **In DRY mode**
  The temperature setting is lowered by 2.5°C and the air flow rate is slightly increased.
- **In FAN mode**
  The air flow rate is fixed to the maximum setting.

# TIMER Operation

Timer functions are useful for automatically switching the air conditioner on or off at night or in the morning. You can also use OFF TIMER and ON TIMER in combination.




## ■ To use OFF TIMER operation

- Check that the clock is correct.
  If not, set the clock to the present time. (page 9.)

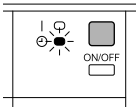
1. **Press "OFF TIMER button".**

   0:00 is displayed.

   ⊙-○ blinks.

2. **Press "TIMER Setting button" until the time setting reaches the point you like.**
   - Every pressing of either button increases or decreases the time setting by 10 minutes. Holding down either button changes the setting rapidly.

3. **Press "OFF TIMER button" again.**
   - The TIMER lamp lights up.




## ■ To cancel the OFF TIMER Operation

4. **Press "CANCEL button".**
   - The TIMER lamp goes off.

### NOTE

- When TIMER is set, the present time is not displayed.
- Once you set ON, OFF TIMER, the time setting is kept in the memory. (The memory is canceled when remote controller batteries are replaced.)
- When operating the unit via the ON/OFF Timer, the actual length of operation may vary from the time entered by the user. (Maximum approx. 10 minutes)

**■ NIGHT SET MODE**

When the OFF TIMER is set, the air conditioner automatically adjusts the temperature setting (0.5°C up in COOL, 2.0°C down in HEAT) to prevent excessive cooling (heating) for your pleasant sleep.

## ■ To use ON TIMER operation

- Check that the clock is correct. If not, set the clock to the present time (page 9.).

**1. Press “ON TIMER button”.**

6:00 is displayed.

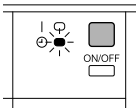
⊙▸| blinks.

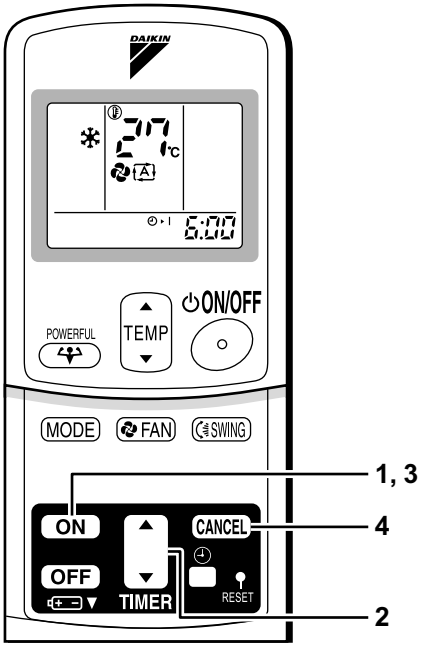
**2. Press “TIMER Setting button” until the time setting reaches the point you like.**

- Every pressing of either button increases or decreases the time setting by 10 minutes. Holding down either button changes the setting rapidly.

**3. Press “ON TIMER button” again.**

- The TIMER lamp lights up.




## ■ To cancel ON TIMER operation

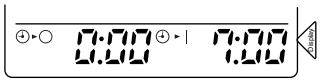
**4. Press “CANCEL button”.**

- The TIMER lamp goes off.

## ■ To combine ON TIMER and OFF TIMER

- A sample setting for combining the two timers is shown below.

(Example)
Present time: 11:00 p.m.
(The unit operating)
OFF TIMER at 0:00 a.m. ) Combined
ON TIMER at 7:00 a.m. )




## ATTENTION

**■ In the following cases, set the timer again.**

- After a breaker has turned OFF.
- After a power failure.
- After replacing batteries in the remote controller.

# Care and Cleaning

**⚠ CAUTION** **Before cleaning, be sure to stop the operation and turn the breaker OFF.**

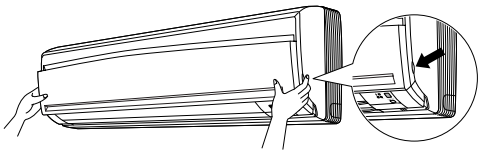
## Units

## ■ Indoor unit, Outdoor unit and Remote controller

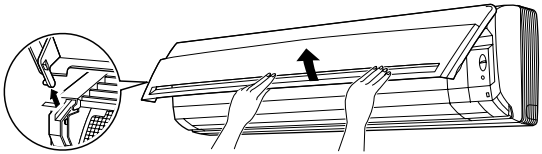
1. **Wipe them with dry soft cloth.**

## ■ Front panel

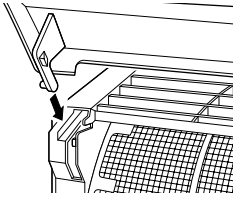
1. **Open the front panel.**
   - Hold the panel by the tabs on the two sides and lift it unitl it stops with a click.



2. **Remove the front panel.**
   - Open the front panel further while sliding it to either the left or right and pulling it toward you. This will disconnect the rotation dowel on one side. Then disconnect the rotation dowel on the other side in the same manner.



3. **Clean the front panel.**
   - Wipe it with a soft cloth soaked in water.
   - Only neutral detergent may be used.
   - In case of washing the panel with water, dry it with cloth, dry it up in the shade after washing.
4. **Attach the front panel.**
   - Align the rotation dowels on the left and right of the front panel with the slots, then push them all the way in.
   - Close the front panel slowly. (Press the panel at both sides and the center.)

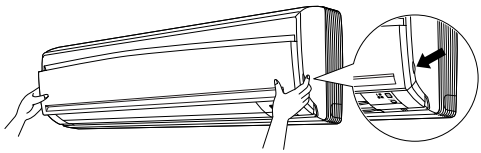


### ⚠ CAUTION

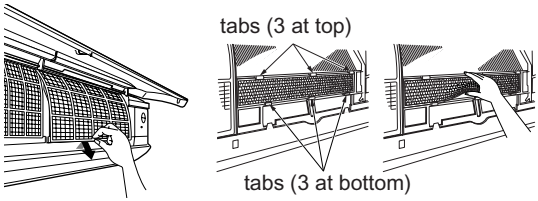
- Don't touch the metal parts of the indoor unit. If you touch those parts, this may cause an injury.
- When removing or attaching the front panel, use a robust and stable stool and watch your steps carefully.
- When removing or attaching the front panel, support the panel securely with hand to prevent it from falling.
- For cleaning, do not use hot water above 40°C, benzine, gasoline, thinner, nor other volatile oils, polishing compound, scrubbing brushes, nor other hand stuff.
- After cleaning, make sure that the front panel is securely fixed.

## Filters

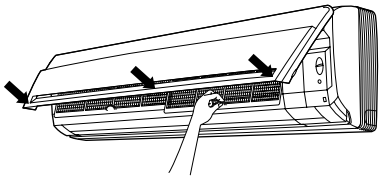
1. **Open the front panel. (page 16.)**
2. **Pull out the air filters.**
   - Push a little upwards the tab at the center of each air filter, then pull it down.



3. **Take off the Titanium Apatite Photocatalytic Air-Purifying Filter.**
   - Press the top of the air-cleaning filter onto the tabs (3 at top). Then press the bottom of the filter up slightly, and press it onto the tabs (3 at bottom).

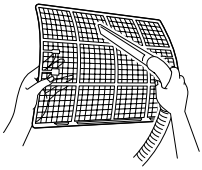



4. **Clean or replace each filter.**
   See figure.
5. **Set the air filter and the Titanium Apatite Photocatalytic Air-Purifying Filter as they were and close the front panel.**
   - Press the front panel at both sides and the center.



## ■ Air Filter

1. **Wash the air filters with water or clean them with vacuum cleaner.**
   - If the dust does not come off easily, wash them with neutral detergent thinned with lukewarm water, then dry them up in the shade.
   - It is recommended to clean the air filters every two weeks.



## ■ Titanium Apatite Photocatalytic Air-purifying Filter

The Titanium Apatite Photocatalytic Air-Purifying Filter can be renewed by washing it with water once every 6 months. We recommend replacing it once every 3 years.

### [ Maintenance ]

1. **Remove dust with a vacuum cleaner and wash lightly with water.**
2. **If it is very dirty, soak it for 10 to 15 minutes in water mixed with a neutral cleaning agent.**
3. **After washing, shake off remaining water and dry in the shade.**
4. **Since the material is made out of polyester, do not wring out the filter when removing water from it.**

### [ Replacement ]

1. **Remove the tabs on the filter frame and replace with a new filter.**
   - Dispose of the old filter as non-flammable waste.

## NOTE

- Operation with dirty filters:
  (1) cannot deodorize the air. (2) cannot clean the air.
  (3) results in poor heating or cooling. (4) may cause odour.
- To order Titanium Apatite Photocatalytic Air-Purifying Filter contact to the service shop there you bought the air conditioner.
- Dispose of old filters as non-flammable waste.

| Item | Part No. |
|---|---|
| Titanium Apatite Photocatalytic Air-Purifying Filter. (without frame) 1 set | KAF952B42 |

## Check

| |
|---|
| Check that the base, stand and other fittings of the outdoor unit are not decayed or corroded. |
| Check that nothing blocks the air inlets and the outlets of the indoor unit and the outdoor unit. |
| Check that the drain comes smoothly out of the drain hose during COOL or DRY operation.<br>• If no drain water is seen, water may be leaking from the indoor unit. Stop operation and consult the service shop if this is the case. |

# ■ Before a long idle period

1. **Operate the "FAN only" for several hours on a fine day to dry out the inside.**
   - Press "MODE button" and select "FAN" operation.
   - Press "ON/OFF button" and start operation.
2. **After operation stops, turn off the breaker for the room air conditioner.**
3. **Clean the air filters and set them again.**
4. **Take out batteries from the remote controller.**

# Trouble Shooting

## These cases are not troubles.

The following cases are not air conditioner troubles but have some reasons. You may just continue using it.

| Case | Explanation |
|---|---|
| **Operation does not start soon.**<br>• When ON/OFF button was pressed soon after operation was stopped.<br>• When the mode was reselected. | • This is to protect the air conditioner. You should wait for about 3 minutes. |
| **Hot air does not flow out soon after the start of heating operation.** | • The air conditioner is warming up. You should wait for 1 to 4 minutes. (The system is designed to start discharging air only after it has reached a certain temperature.) |
| **The heating operation stops suddenly and a flowing sound is heard.** | • The system is taking away the frost on the outdoor unit. You should wait for about 4 to 12 minutes. |
| **The outdoor unit emits water or steam.** | ■ In HEAT mode<br>• The frost on the outdoor unit melts into water or steam when the air conditioner is in defrost operation.<br>■ In COOL or DRY mode<br>• Moisture in the air condenses into water on the cool surface of outdoor unit piping and drips. |
| **Mist comes out of the indoor unit.** | ■ This happens when the air in the room is cooled into mist by the cold air flow during cooling operation.<br>■ This is because the air in the room is cooled by the heat exchanger and becomes mist during defrost operation. |
| **The indoor unit gives out odour.** | ■ This happens when smells of the room, furniture, or cigarettes are absorbed into the unit and discharged with the air flow. (If this happens, we recommend you to have the indoor unit washed by a technician. Consult the service shop where you bought the air conditioner.) |
| **The outdoor fan rotates while the air conditioner is not in operation.** | ■ After operation is stopped:<br>• The outdoor fan continues rotating for another 60 seconds for system protection.<br>■ While the air conditioner is not in operation:<br>• When the outdoor temperature is very high, the outdoor fan starts rotating for system protection. |
| **The operation stopped suddenly. (OPERATION lamp is on.)** | ■ For system protection, the air conditioner may stop operating on a sudden large voltage fluctuation. It automatically resumes operation in about 3 minutes. |

## Check again.

Please check again before calling a repair person.

| Case | Check |
|---|---|
| **The air conditioner does not operate. (OPERATION lamp is off.)** | • Hasn't a breaker turned OFF or a fuse blown?<br>• Isn't it a power failure?<br>• Are batteries set in the remote controller?<br>• Is the timer setting correct? |
| **Cooling (Heating) effect is poor.** | • Are the air filters clean?<br>• Is there anything to block the air inlet or the outlet of the indoor and the outdoor units?<br>• Is the temperature setting appropriate?<br>• Are the windows and doors closed?<br>• Are the air flow rate and the air direction set appropriately? |
| **Operation stops suddenly. (OPERATION lamp flashes.)** | • Are the air filters clean?<br>• Is there anything to block the air inlet or the outlet of the indoor and the outdoor units?<br>Clean the air filters or take all obstacles away and turn the breaker OFF. Then turn it ON again and try operating the air conditioner with the remote controller. If the lamp still blinks, call the service shop where you bought the air conditioner. |
| **An abnormal functioning happens during operation.** | • The air conditioner may malfunction with lightning or radio waves. Turn the breaker OFF, turn it ON again and try operating the air conditioner with the remote controller. |

## Call the service shop immediately.

### ⚠ WARNING

■ When an abnormality (such as a burning smell) occurs, stop operation and turn the breaker OFF.
Continued operation in an abnormal condition may result in troubles, electric shocks or fire.
Consult the service shop where you bought the air conditioner.

■ Do not attempt to repair or modify the air conditioner by yourself.
Incorrect work may result in electric shocks or fire.
Consult the service shop where you bought the air conditioner.

If one of the following symptoms takes place, call the service shop immediately.

- **The power cord is abnormally hot or damaged.**
- **An abnormal sound is heard during operation.**
- **The safety breaker, a fuse, or the earth leakage breaker cuts off the operation frequently.**
- **A switch or a button often fails to work properly.**
- **There is a burning smell.**
- **Water leaks from the indoor unit.**

▶ Turn the breaker OFF and call the service shop.

| | |
|---|---|
| ■ After a power failure<br>The air conditioner automatically resumes operation in about 3 minutes. You should just wait for a while. | ■ Lightning<br>If lightning may strike the neighbouring area, stop operation and turn the breaker OFF for system protection. |

## Disposal requirements

Dismantling of the unit, treatment of the refrigerant, oil and eventual other parts, should be done in accordance with the relevant local and national regulations.

## We recommend periodical maintenance.

In certain operating conditions, the inside of the air conditioner may get foul after several seasons of use, resulting in poor performance. It is recommended to have periodical maintenance by a specialist aside from regular cleaning by the user. For specialist maintenance, contact the service shop where you bought the air conditioner.
The maintenance cost must be born by the user.

# MEMO

## MEMO

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